

ABSTRACT OF THE DISCLOSURE

Centrifuge for purifying flowing fluid media, has a plurality of stacked concentric disc elements, each provided with a central fluid inlet hole. The disc elements have through openings and the disc elements are slipped thereonto at least three substantially axially extending, circumferentially spaced guide elements for guiding the disc elements circumferentially and radially. The disc elements are held together by end elements at the ends of the stack of discs. The guide elements are completely separate, combined guidance and tensile rods, which are disposed so as not to encroach on the central flow space in the disc stack. The through openings in the disc elements are made as notches, radially directed from the central fluid inlet hole in the disc elements, and the tensile rods are disposed to be inclined somewhat towards the rotational centre from the lower end element when mounting the disc elements.